



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

August 1995 Issue

The Prez Sez

Bill - N7VZF

It's been a busy month....again.

The air show, 4 news letters, 400 phone calls, not to mention all the activities with the family. Just hasn't been time to do it all but it has been fun.

Not much to report this month but a few things you need to start thinking about now.

Elections are coming up soon. The nomination process will be starting next month. The club needs your input and leadership. If you are willing to help with the process, contact one of the people on the board or check the back of this issue (page 11) for a list of the various committee chairpersons.

We need help relocating the 146.90 repeater. It is currently at the home of K7IPP and will be moving to a commercial site on top of Chehalem mountain. We need help fixing up the building we will be using. Bring your hammer and nails, strong back or pick-up truck to help. Contact Wes - K7WWG for more information.

Don't forget the club sponsored picnic coming up October 1. It is a celebration of Indian Summer. It is for the whole family with all food etc. supplied by the club. Currently planned events include a softball game or two, bunny hunts and games for the whole family. See page 9 for more information. If you are willing to help, contact Bob - K17QI at 699-9213. I am sure he could use your help.

Don't forget ArtQuake. We need hams to lend a hand with lost kid patrol, lost parent support, all the usual things when you are dealing with 100,000 people over three days. Contact Wes - K7WWG to volunteer.

Upcoming events include - Portland Marathon, Walk-Toberfest, Thanksgiving Day Parade; all which need the support of the local ham community to fill in the gaps of the "Professional" systems. You know how it works. The professionals say it can't be done so the amateurs do it.

Know someone who might be interested in ham radio? Why not invite them to our meetings. You don't have to be a member or even a ham to attend. Have you heard a newly licensed ham on the local repeaters? Why not invite them to our meetings? Remember, it is the membership that makes the club what it is. Without members there is no club.

That's about it. The dog days of July are past and the final push before school has started. See you at the next meeting - 73 de N7VZF and stay safe till we meet again.

...From the Second Seat Janet Bell, WB7FJC v.p.
FUTURE TENSE:

OUR AUGUST PROGRAM IS WASHINGTON COUNTY SHERIFF'S DEPUTY PETER A. POULOS, JR, AN EMERGENCY MANAGEMENT SPECIALIST, WHO WILL BRING US INFORMATION ON HOW TO PREPARE OURSELVES AND OUR FAMILIES TO RESPOND TO EMERGENCIES AND DISASTERS WHICH MAY BEFALL US. PETER WILL BRING A LARGE "TRASH" CAN AND A CAR KIT THAT MAY GIVE YOU IDEAS ON HOW TO STORE YOUR EMERGENCY SUPPLIES. PLEASE COME AND BRING YOUR NEIGHBORS TO SHARE THE INFORMATION.

In September, we have some members of Civil Air Patrol to discuss communications in the country's second largest non-commercial network. Real time air-to-ground video as used after the Klamath Falls earthquake for damage assessment is one of the topics. The system uses Amateur radio frequencies, so operators must have at least a technician's ham license. Bring your teenagers, as we will have some Civil Air Patrol cadets in attendance who will talk about their activities. Keep your kids off the streets, meeting community-minded other young adults to see what the future can hold for them. First Lt. Ron Kirkpatrick, N7RFA, Oregon Wing Deputy Director of Communications will be the chief speaker.

Other programs being considered are: Pete Thunem, with information about MARS stations here on earth; Mark Walker, W7CLU with a program called Hand Made Stuff; and possibly someone from GTE or other phone systems with emergency communications capability.

We want to thank Russ Fillinger, W7LXR, for his program about the DX Bureau. Some of the members even hung around 'till 9:30 to ask questions of Russ. Now I know several of you may want to drop into the DX Bureau for a meeting. (If you donate some time helping sort, you may even get some of your QSL cards a little earlier.) You can call Russ at 452-4114 for particulars. (I believe that they meet the last Thursday of each month.)

Minutes of Board Meeting 7-5-95

1. Meeting called to order by President Bill Merwin at 7:08 p.m..
2. Those attending were Bill Merwin, Janet Bell, Bob Cowan, Brad Beach, Burt Rooke, Al Berg, Betty Mickley, Alan Chinnock, Neil McKie, Carl Clawson, and Chuck Mickley.
3. Report from Wes Allen on 501c3. The lawyer has reviewed the information and sees no problems. We may need to pay an additional filing fee due to our net worth.
4. Report from Wes Allen on 146.90 repeater. He is investigating the antenna purchase. Discussions with the owner for some changes in the contract are going OK.
5. The permit for the picnic was presented and request for the \$90.00 fee was made.
6. Carl Clawson reported on Field Day. The weather cooperated. The site was good. We were short handed and only two stations were put on the air. Several visitors showed up. We got press and air coverage with our press releases.
7. Burt Rooke reported on the book program. There are 60 public and 23 private junior high and high schools in the area of interest. This will cost about \$600 to provide one copy of Now You're Talking for each.

The latest class at PCC had 23 graduates with a 100% passing rate. The next class starts in the fall.

8. The final results from SEAPAC 95 are not in. Planning for 1996 has started.
9. Al Berg pointed out that the trailer needs to be finished. Dee Lynch is the best person to list what should be done to complete it.
10. Meeting adjourned at 8:04 pm.

Respectfully submitted
Alan Chinnock Secretary

Early Bird Registration (postmarked before 7/30/95) earns extra ticket for prize drawing.

1995 Registration ~ Portland Ham Fair ~ Sept. 16 & 17~		No. _____
		(for office use only)
_____ Registration \$5.00 each (\$6.00 at the door) -----		\$ _____
_____ Flea Market at \$12 per table for 2 days -----		\$ _____
_____ Craft tables at \$12 per table for 2 days -----		\$ _____
(table fee does not include registration~all exhibitors must be registered)		
Children 10 and under FREE.	TOTAL	\$ _____
(Make checks payable to Portland Ham Fair , mail to: PO Box 20876, Portland, OR 97220-0876)		
NAMES (please print)	CALLS~if any	ARRL (y/n)
_____	_____	_____
_____	_____	_____
_____	_____	_____
ADDRESS: _____		
CITY: _____	ST: _____	ZIP _____ PHONE: (____) - _____ - _____

Pre-registration deadline, must be postmarked by 9/2/95.

Call for questions or information - (503) 257-4822

FIELD DAY 1995: FUN IN THE SUN

Carl Clawson, WS7L

Well, on the bright side, this was the first field day in several years where it didn't rain a drop. Weather in the 80's and 90's with a location in an open field kept us fairly toasty during the event. I got my first sunburn in along time. Should have worn a bigger hat!

Before getting to the particulars, I would like to correct a misunderstanding. The minutes of the board meeting in last month's newsletter relayed the item "Carl Clawson wants out of Field Day." I don't remember saying or even thinking that! I don't even remember being in a particularly grumpy mood that day! We'll write that one off as a transcription error or something. While I probably won't make a lifetime career of managing Field Day, I should have at least one more left in me.

Not to put any sugar-coating on it, as a contest where a group tries to rack up a competitive score this one was a non-event. For lack of operators we never even managed to get our third station on the air. If ARRL gives us all the bonus points we've asked for our score for this year will be 866. Only 366 of these points were earned by QSOs. In recent years our QSO points have ranged from 1930 in 1992 to 1016 in 1994. I don't mean this as a complaint, either against those who came or those who didn't; it's just a fact. Those who were there worked hard, made contacts, and had fun; many of those who didn't had conflicts of various kinds. Lots of weddings & visits from relations were going on that week.

Those stalwarts who did show up had a pretty good go of it, though. The bands provided some excellent openings. The novice/tech station made good use of the openings on 10m to rack up an impressive number of SSB contacts. A few more operators and they probably would have outscored the other station. Regarding the other station, to my surprise and delight, we actually had several other CW ops besides me show up. We were hampered by some problems with high SWR on the tri-band beam on the trailer, probably a short or open somewhere, but we had a pretty good run on 40. We also found our club batteries are aging; we got reports of chirpy signals towards the end. We should start doubling up batteries, which means we will probably need to borrow a few in coming years.

Now about those t-shirts! You'll recall our incentive program: people earned 5 tickets for setup, 5 for tear-down, and 2 per hour of operating. We had a drawing at the July meeting, and we have the following winners: T-Shirts: Janet, WB7FJC; Jack, KA7HOJ; Dick, W7KJZ, Tory KC7LTD, and Mike, KA7PWZ. And the grand prize winner: Bill, N7VZF, won the jacket.

Congratulations to all the winners; and to everyone else thanks for all the help and participation. I won't try to name you individually because I'd surely forget someone.

Now about next year. Since I've been running Field Day, I've been compromising between those who like it close to town and those who like to get away by pandering to each group every other year. Next year would be an away year by this reckoning. So give some thought to parks or other sites out of town. We will start planning for next year's Field Day in early 1996. Until then, 73 & good operating!

-- Carl

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Banks, Oregon 97106

Here we are in the middle of the public service season. Well probably not the season as these activities go all year. The Oregonian has already announced the Santa Claus parade coming up in November. You will have to excuse me, I know I talk a lot about public service. That's just what happens when your give column space to someone who got his license because he saw how much fun Jim KB7ADH was having helping out on these things. Of course, he never let on how much work they could be as well.

In the course of a number of events I have worked I have seen some that seem smoother than others. This got me to thinking, what is the difference? I have a couple of suggestions that should make us look very professional, even though we carry the title Amateur.

First, know your job. This can be tough the first time you work an event. What authority do you have, when should you ask for guidance? What is normal, what is wrong? Talk to others that have done the event before. Ask them how they do their job. Attend the volunteer planning meetings. The organizers of the event want things to run smoothly. They know this will happen if they can convey to you their vision of how things should go. Sometimes these meetings don't seem to cover everything. Ask questions until you know all you think you should. It is much easier to get the information in the meeting than over the radio during the event when everything just went wrong.

Once you know your job the second suggestion becomes quite easy. Only call on the radio when it is really necessary. If all is going like it should your silence will be interpreted as such by the Net Control and Director. This leaves them free to take care of the things that are not being handled by the rest of the crews. Now you see why you need to know your job, you can work independently. When Net Control starts to think you are lost they will call to check on you. It won't take long before you can pretty much guess when you leave them alone too long and should call in a say HI. Please be a little choosy about when you call in. It is probably not good to call in and say all is well just after Food has reported that all the bagels were stolen by elves and there will be no lunch. Just the food problem is enough to send Net Control into a spin. Your all is well message will not be well received.

In a similar vein to not talking too much is to stop and think before you talk. If you are not reporting a life threatening problem take time to investigate the problem, work out what needs to be done, and then call in to report. (Again, it helps to know your job.) Calling for

help before you fully understand the situation is not very productive. If you do not know what is happening the Director 40 miles away is not going to know what is happening either.

All of this may sound somewhat familiar. It follows the etiquette suggestion of listen more than you talk. It is also in line with many of the guidelines that are followed in the traffic handling portion of our hobby. We may all do different jobs, but some of the rules are the same.

One more courtesy suggestion. Most of the events are run using repeaters. Normally the event does not "own" the repeater. We are just another user. Remember to leave breaks so others can get in and so the repeater will not time out. How would you like to be faced with a serious accident and find that the repeater has timed out? Be nice to the repeater and the others using it and they will be nice to you.

ADVOCATE TAX CONSULTANTS
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News From All Over

WB7SIC, Al Berg, has one of his pictures (of the Snake River and the Grand Tetons) on the front page of the Hillsboro Argus (7/20 issue).

The snapshot is a semi-finalist in the KINSA (Kodak International Newspaper Snapshot Awards) contest being conducted at this time. I understand from Al that he may bring us some DXpedition stuff from his trip to Belize several years ago. Many of you are new and have not seen what it takes to do a DXpedition.

Daffy-Nation

DXpedition=(That's when you set out to operate in some exotic, foreign place and really want to go through all the red tape to do it.

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St
Tigard, OR 97223

Joe Borsch W7PHS

(503) 684-5201

VE Testing

Currently-scheduled VE Testing scheduled for August is:

08/15/95 Newberg 7:00PM George Fox College Charlie, KG7JR, 538-7109
Science Bldg (Walk-ins OK)

As with all test sessions, you will need a copy of your current license, and the original, plus a copy and the original of any CSCE's, some other form of identification (such as a driver's license), and \$5.90 for all tests above Novice.

Call Sign Update 7/1/95

The following is a list of the FCC's most recently issued call signs as of July 1.

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AA0YM	KG0YF	++	KB0TFM
1	AA1NW	KE1CJ	N1VMF	KB1BSX
2	AA2YB	KG2DH	++	KB2VEV
3	AA3MC	KE3UD	N3VSJ	KB3BJX
4	AE4KB	KT4AM	++	KF4BKY
5	AC5DP	KK5QZ	++	KC5POU
6	AC6OK	KO6XW	++	KE6VTW
7	AB7LI	KJ7PS	++	KC7MBY
8	AA8UB	KG8SR	++	KC8AIK
9	AA9PJ	KG9DI	++	KB9KZC
N. Mariana	KH0S	AH0AW	KH0ED	WH0ABC
Guam	WH2P	AH2DA	KH2OF	WH2ANM
Midway	++	AH4AA	KH4AG	WH4AAH
Hawaii	++	AH6OD	++	WH6CWI
Amer. Samoa	AH8O	AH8AH	KH8CJ	WH8ABB
Alaska	++	AL7QC	++	WL7CNX
Virgin	WP2R	KP2CF	NP2IG	WP2AHY
Puerto Rico	++	KP4ZU	++	WP4NAB

+All call signs in this group have been issued in this area.

Transmitted: 95-07-14 22:24:46 EDT America On Line Ham Forum

From: Satellite Station - W7KJZ

Phase IIID, the Ultimate EasySat (May '95 QST)



I thought I would spend some column space giving you some information you may not have read in recent coverage of this awesome satellite. Its launch date is now less than a year away (April 96). There is still a lot of work to do for the launch team.

Because of Phase IIID's sophistication, it is taking an international effort of people from a dozen countries to acquire modules, assemble and launch it. Much of the early conceptual work was done in Germany. Three of the transmitters on board also come from Germany. Germany is supplying the IF matrix and the LEILA system. The IF matrix will make it possible to use any receiver with any transmitter on Phase IIID. The LEILA is a system that is designed to discourage excessive power usage.

The Arc-jet motor which is one of the systems used to position the satellite and keep it in orbit is under development by a group at the Institute for Space Systems in Stuttgart in Germany. The main Phase IIID computer, called the IHU, is from Germany, but is being built by a U.S. team with German and British help.

The 10 meter bulletin transmitter is coming from South Africa. The two meter transmitter is being designed and built in the U.K. A Finnish group will provide a 10 Ghz transmitter plus an antenna to go with it. A group from Belgium is providing a 24 GHz transmitter plus antenna. Receivers are being supplied by groups in Belgium, Germany, and the Czech Republic. The propellant tanks are from Russia. The Japanese JAMSAT group will supply a camera experiment.

A group from Canada is assisting in the design and construction of the GPS subsystem. Canadians are also involved in the radiation testing of various solid state components.

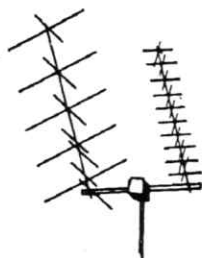
With the exception of the 10 & 25 Ghz antennas all other antennas will be supplied by a U.S. team. As you have seen from QST, the construction and test of the space frame and launch vehicle adaptor is a U.S. effort.

That's it for this month, next I will describe the transponders Phase IIID will carry and compare their output with OASCAR 13.



73

Dick - W7KJZ



INTRODUCTION TO PACKET RADIO - PART 4 -

by Larry Kenney, WB9LOZ

USING DIGIPEATERS AND NODES:

DIGIPEATERS:

Digipeater is the term we use to describe a packet radio digital repeater. Unlike the FM voice repeaters, most digipeaters operate on simplex and do not receive and transmit simultaneously. They receive the digital information, temporarily store it and then turn around and retransmit it.

Your TNC will allow you to enter up to eight digipeaters in your connect sequence, but using more than 3 usually means long waits, lots of repeated packets, and frequent disconnects, due to noise and other signals encountered on the frequency.

When entering the list of digipeaters in your connect sequence, you must make sure that you enter them in the exact order that your signal will use them. You must separate the calls by commas, without any spaces, and the EXACT callsigns must be used, including the SSID, if any. That means you need to know what digipeaters are out there before you begin randomly trying to connect to someone. Turn MONITOR ON and watch for the paths that other stations are using.

Here are some examples of proper connect sequences:

C W6PW-3 v W6PW-1

C N6ZYX v WA6FSP-1, WB6LPZ-1

C W6ABY-4 v K6MYX, N2WLP-2, AB6XO

The "v" means via. In the first example the sequence shown means:

Connect to W6PW-3 via W6PW-1.

Something to remember when using digipeaters is the difference between making a connection and sending information packets. If the path isn't all that good, you might be able to get a connect request through, but will have a difficult time with packets after that. The connect request is short so it has much less of a chance of being destroyed by noise or collisions than a packet containing information. Keeping information packets short can help keep retries down when the path is less than ideal.

NODES:

Net/Rom, TheNet, G8BPQ packet switch and KA-Node are names that refer to a device called a packet node, another means of connecting to other packet stations. Later on in this series you'll find a complete review of node operation, but for now we'll cover the basics so that you can begin using the node network.

The difference you should note here is that you connect to a node rather than using it in a connect path as you do with a digipeater.

First, you need to determine what nodes are located close to you. You can do this by monitoring and watching for an ID or by watching to see what other stations in your area are using. You'll note that most nodes have an alias ID in addition to its callsign. Once you determine the callsign or alias of a local node, you connect to it the same way as you connect to any other packet station. You may use either the callsign or the alias to make the connection. For example, the node WB9LOZ has an alias ID of SF and the callsign of WB9LOZ-2, so you could connect to it using "C SF" or "C WB9LOZ-2". Either one will work.

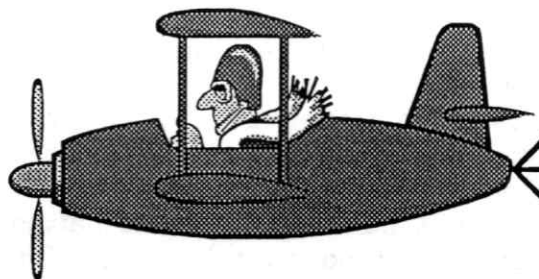
When you connect to a node, your TNC automatically switches to converse mode, just like when you connect to any packet station. Anything you now type is sent to the node as a packet, and the node acknowledges each packet back to your TNC. For the remainder of your connection your TNC works only with this one node.

To use the node network to connect to another local station, you simply enter a connect request as though you were connecting direct from your TNC, such as "C WB9LOZ". You do this, however, while you ARE STILL CONNECTED TO THE NODE. The node will then retransmit your connect request and you'll receive one of two responses: "Connected to (callsign)" or "Failure with (callsign)". Once you're connected you hold your QSO just as if you had connected direct or via a digipeater. When you're finished, go to command mode on your TNC (Control C) and enter "D" (CR) and you will be disconnected from the node and the station you were working.

(NOTE: If the node you're using is a G8BPQ packet switch, it might have several frequency ports. You'll have to enter a port number between the C and the callsign in your connect request to indicate the frequency you want to use, such as "C 2 WB9LOZ". Enter "PORTS" for a port list.)

When you're connected to a node enter "NODES" <CR> and you'll receive a list of other nodes that you can reach on the network from the node you're using. You'll note that the node list will vary in length and in the calls listed as you move from frequency to frequency, since all frequencies are not linked together. The list gives both an alias ID and a callsign for each node. The alias ID often gives you a hint as to where the node is located, but not always. To find out for sure where a node is located you'll need to get a copy of the descriptive node listings that are available on most

Cont'd Page 10 - PACKET INTRO



BUY - SELL - TRADE

All non-commercial ads are free to hams with equipment to sell, trade or buy

CUSHCRAFT 10-3-CD 3-element Beam

I have a 3-element 10-Meter beam for sale. It is the 10-3-CD beam by Cushcraft. It has good forward gain with decent front-to-back ratio. I have worked all states 10-M SSB with this antenna. It has less than 1.3:1 SWR across the full 10M novice band and less than 1.5:1 across the whole 28Mhz band. I haven't tried it on 10M FM but it should work also.

I am asking \$75 for the antenna
Bill - N7VZF - (503) 644-1974

WANTED TO BUY:

Used computer and printer (IBM or IBM Compatible)
(For use by very young lady [elementary school age] for school work)

Please call Patty 681-9537

(Submitted by Janet Bell, WB7FJC)

Estate Sale

I have some equipment that has been turned over to the club to sell for the estate of K7DNK - Gaylord Smith.

1- Kenwood TS820S - 10-80 HF Xceiver
with MC-50 mic and Digital display.
150W A/C - 100W D/C \$425.00

Contact Bill - N7VZF for more information - (503)644-1974

For Sale - 50' Tower

I received a call from the father of a ham in Amity. He has a 50' "Self Standing" Rohn tower with rotor. I don't know which model of Rohn it is but it was described as Free Standing. The Price is \$350. You can contact the owner - David Talbot - N7JXP at:

835-8900 (Home)

931-7663 (Cell)

370-1010 (Pager)

for more information.

For Sale

Tri-Band Beam

KLM KT34A

Handles 10-15-20

\$200

Contact Cecil Conrad - W7MRH
649-1614

SATELLITE TELEVISION SYSTEM FOR SALE

**ECHOSTAR SRD 5000 RECEIVER
6' ECHOSTAR PATIO MOUNT**

(MANUAL) DISH

C/KU BAND LNB

\$750.00

BUD KC7PS 649-1523





Who Says There's No Such Thing as a
Free Lunch????

Plan to join with the club in celebrating

"Indian Summer"

with a picnic where all you have to bring is your appetite.

We'll have bunny hunts

games for kids

softball games

(Maybe Novices/Techs vs Generals/Advanced/Extras - hmmm)

All food / hamburgers - hot dogs etc / supplied by the club.

Date: Sunday - October 1, 1995

When: 11AM - 5PM

Where: Cook Park - Main Covered Area - Tigard

(Map supplied next issue)

For more information, contact Bob Cowan - KI7QI
699-9213

PACKET INTRO CONT'D

packet bulletin board systems. These complete lists give the alias, callsign, location, frequency and other information on each node in the network.

To connect to a station in another area using the node network you first must determine which node is closest to the station you want to work. For demonstration purposes, let's say we want to connect to N6ZYX. He's told you he uses the the W6AMT-3 node, so you check the node list and see that SFO3:W6AMT-3 is listed. WHILE STILL CONNECTED TO YOUR LOCAL NODE you first connect to the distant node by sending a normal connect request, in this case "C W6AMT-3". Your TNC will send this as a packet to your local node and your local node will acknowledge it. The network will then go to work for you and find the best path between your local node and the one you're trying to reach. You might have to be a little patient here, as it sometimes takes a few minutes for the connection to be completed. You'll then see one of two responses: "Connected to W6AMT-3" OR "Failure with W6AMT-3". If it can't connect for some reason, try again later. It could be that W6AMT-3 is temporarily off the air or the path has decayed and is no longer available. We're going to be positive here and say we received the first option.

Once you're connected to W6AMT-3, enter "C N6XYZ". Again, your TNC will send this as a packet to your local node and the local node will acknowledge it and send it down the path to W6AMT-3. W6AMT-3 will then attempt to connect to N6XYZ. Here again you'll get one of the two responses: "Connected to N6XYZ" OR "Failure with N6XYZ". If you get connected, you hold your QSO just as you normally would, but there's one BIG difference -- your TNC is receiving acknowledgements from your local node, and N6XYZ is receiving acknowledgements from W6AMT-3. The acknowledgements do not have to travel the entire distance between the two end stations. Each node in the path handles the acknowledgement with the next node in line. Because of this, retries are greatly reduced, and your packets get through much faster.

When you're finished with the QSO, you disconnect in the normal manner -- go to Command Mode on your TNC and enter "D" <CR>. The entire path will then disconnect automatically for you.

Nodes offer a variety of other features besides allowing you to connect to other stations, and we'll look at those in parts 10 and 11 of this series.

73.....Rick..

KB7OGD @ KB7OGD.OR.USA.NOAM



PORTLAND HAM FAIR



~ Sept. 16 & 17~

Sat. 9AM TO 5 PM

Sun. 9AM TO 2 PM

NO SALES TAX IN OREGON

15,000 Sq Ft
ALL ON ONE FLOOR

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FREE LIMITED OVERNIGHT
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ARRL FORUM with NM7N

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HAM GEAR COMPUTERS

COMMERCIAL VENDORS

PRIZES CRAFTS

24 HOUR SECURITY

Flea Market or craft space is 6x9' and
includes a 3x8' table and 2 chairs.
Available for set-up 2 - 6 pm Friday.

OTVARC Club Contacts

OTVARC Executive Board

President	Bill Merwin	N7VZF	644-1974
Vice President	Janet Bell	WB7FJC	648-4147
Secretary	Alan Chinnock	KB7POR	620-2057
Treasurer	Lorna Campbell	KA7RFD	591-1891
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Brad Beach	N7NVC	657-1781
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Bob Cowan	KI7QI	699-9213
Trustee	Burt Rooke	KI7JX	241-2891

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	Tim Taylor	N7UCA	292-5430
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	OPEN		
Member Badges	Terry Sparks	AA7ZO	628-0372
Newsletter Editor	Bill Merwin	N7VZF	640-8873
Newsletter Layout	Bill Merwin	N7VZF	883-8504
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	OPEN		
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Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Exec. Board	N7VZF	644-1974
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Testing	OPEN		
VE Test Schedule	OPEN		
VHF/UHF	Bill Roth	N7RYW	297-7605

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OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.



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September
16 & 17, 1995

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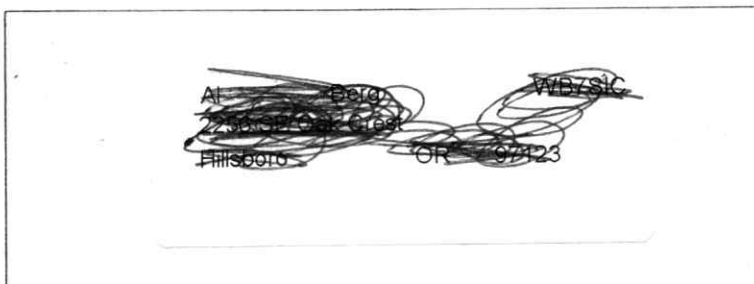


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